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ABSTRACT

This selected bibliography lists 93 publications that contain information on: (1) personnel supply/demand in special education, general education, related services, and higher education; (2) trends in education, enrollments, populations, and related topics; (3) demographic data that may influence personnel supply/demand in special education; and (4) models or procedures for measuring and projecting supply/demand. A note indicates that the publications do not deal primarily with such teacher supply/demand variables as attrition, certification, incentives, etc. (JDD)

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Information on Personnel Supply and Demand

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BIBLIOGRAPHY: PERSONNEL SUPPLY AND DEMAND
TRENDS, STATISTICS, DEMOGRAPHICS, MEASUREMENT MODELS

This partial bibliography lists publications that contain:

- o Data on personnel supply/demand in special education, general education, related services, and higher education;
- o Information on trends in education, enrollments, populations, and related topics;
- o Demographic data that may influence personnel supply/demand in special education; and
- o Information on models or procedures for measuring and projecting supply/demand.

Many variables (such as attrition, certification, incentives, etc) influence personnel supply/demand and its measurement. The publications on this list do NOT deal primarily with these variables.

Nor does this listing include state data documents on personnel supply/demand. State data documents should be requested from the department of education in your state.

We welcome additional entries for future expansions of this bibliography.

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BIBLIOGRAPHY: PERSONNEL SUPPLY AND DEMAND

TRENDS, STATISTICS, DEMOGRAPHICS, MEASUREMENT MODELS

Ad Hoc Commission on Occupational Therapy Manpower. (1985). Occupational therapy manpower: A plan for progress. Rockville, MD: American Occupational Therapy Association, Inc.

Akin, J. N. (1988). 1988 teacher supply/demand: An annual report based upon an opinion survey of teacher placement officers. Addison, IL: Association for School, College, and University Staffing.

This is an annual survey; reports for earlier years are also available.

American Occupational Therapy Association, Inc. (1988). 1988 education data survey final report: Survey of 1987 educational programs. Rockville, MD: Author.

This is an annual survey; reports for earlier years are also available.

American Physical Therapy Association. (1988). Physical therapy education: Physical therapist entry-level programs. Alexandria, VA: Author.

Arbeiter, S. (1987). Enrollment of Blacks in college: Is the supply of Black high school graduates adequate? Is the demand for college by Blacks weakening? In Research and Development Update. New York, NY: The College Board. ED 290353

Astin, A. W., Green, K. C., Korn, W. S., & Schalit, M. (1987). The American freshman: National norms for fall 1987. Los Angeles, CA: University of California-Los Angeles, Higher Education Research Institute, Graduate School of Education. ED 290371

Baugh, W. H., & Stone, J. A. (Undated). Trends in the education labor market. Eugene, OR: Research and Development Center for Educational Policy and Management, University of Oregon. ED 197490

Berry, B. (1986). A case study of the teacher labor market in the Southeast. Research Triangle Park, NC: Southeastern Educational Improvement Laboratory. ED 251967

Berry, B., & Hare, R. D. (1986). The problems and promises of the teacher labor market: A qualitative understanding of processes and contexts. Paper presented at the Annual Meeting of the American Educational Research Association, San Francisco. ED 270417

Blozan, C. F., & Hass, A. E., Jr. (1974). Development and application of a manpower career flow model of speech education teachers. Bethesda, MD: RMC, Inc. ED 093098

Bowen, J. R. (1974). Eight misconceptions about the labor market. Journal of Teacher Education, 25(3), 213-215. EJ 104980 (Available UMI)

Bowen, M. L. (1988). Leadership training in special education: A status analysis. Paper presented at the Doctoral Leadership Conference, George Washington University, Washington, D.C.

Brown, S. V. (1987). Minorities in the graduate education pipeline. Princeton, NJ: Educational Testing Service.

Bunsen, T. (In progress). Survey of special education doctoral training programs. Denton, TX: University of North Texas.

. . . . .

Campeau, P. L., & Appleby, J. A. (1987). Evaluation of discretionary programs under the Education of the Handicapped Act: Personnel preparation program--Final strategy evaluation report. Palo Alto, CA: American Institute for Research.

Carpenter, J. (1987). Trends in bachelor's and higher degrees, 1975-1985. Washington, D.C: U.S. Department of Education, Office of Educational Research and Improvement. ED 286420

Chandler, H. N. (1983). Our fickle public schools and teacher shortages. Journal of Learning Disabilities, 16(6), 373-374. EJ 285424

Coates, J. F., & Jarratt, J. (1987). Forces and factors shaping education. Washington, D.C: National Education Association.

Cooper, E. G., Helmick, J. W., & Ripich, D. N. (1987). Council of Graduate Programs in Communication Sciences and Disorders 1986-87 national survey. Tascaloosa, AL: Council of Graduate Programs in Communication Sciences and Disorders.

Cooper, E. B., Mann, M. B., Helmick, J. W., Newberry, G. W., & Ripich, D. N. Council of Graduate Programs documents continuing decline in student enrollment. ASHA, 30(4), 35-58.

Corcoran, K. A., & Shirley, J. E. (1978). A model for the projection of manpower needs in special education in Texas. Austin, TX: Texas Education Agency.

Corrigan, D. C. (1974). Do we have a teacher surplus? Journal of Teacher Education, 25(3), 196-198. EJ 104976 (Available UMI)

. . . . .

Daly, N., Chairperson, Task Force on Shortage/Surplus/Quality Issues in Teacher Education. (1985). The impact of teacher shortage and surplus on quality issues in higher education. Washington, D.C: American Association of Colleges for Teacher Education.

Darling-Hammond, L. (1984). Beyond the commission reports: The coming crisis in teaching. Santa Monica, CA: The RAND Corporation. ED 248245

Darling-Hammond, L. (1987, January 14). What constitutes a 'real' shortage of teachers? Education Week, p. 28.

Dil, N., Geiger, W. L., Hoover, J. J., & Sindelar, P. T. (1988). Survey of vacant professional positions in special education. Las Vegas, NV: University of Nevada-Las Vegas.

Douglas, S., & Bird, R. E. (1986). Personal labor supply: An estimation of a probabilistic teacher labor supply function. Research Triangle Park, NC: Southeastern Educational Improvement Laboratory. ED 261464

. . . . .

Federal CSPD Assessment Project. (1988). The measurement of personnel needs in special education. Whitewater, WI: University of Wisconsin-Whitewater, Department of Special Education.

Fiske, E. B. (1986, March 16). Colleges scrambling to avert a possible faculty shortage. New York Times.

Freeman, R. B., & Breneman, D. (1974). Forecasting the Ph.D. labor market: Pitfalls for policy. Washington, D.C: National Board of Graduate Education. ED 089648

Fullerton, H. N., & Tschetter, J. (1983). The 1995 labor force: A second look. Monthly Labor Review, November, pp. 3-10. EJ 289232

Geiger, K. (1987, July). Statement on a new survey of the chronic shortage of qualified teachers. Paper presented at the 125th Annual Meeting of the National Education Association, Los Angeles.

Gerald, D. (1985). Projections of educational statistics to 1992-93. Washington, D.C: U.S. Department of Education, National Center for Education Statistics. ED 262472

Gilles, C. (1984). Model special education manpower information and management system: Final report. Boston, MA: Massachusetts State Department of Education.

Graybeal, W. S. (1974). Status and trends in public school teacher supply and demand. Journal of Teacher Education, 25(3), 200-208. EJ 104978 (Available UMI)

Grossman, R. P. (1982). Where are the jobs? Journal of Learning Disabilities, 15(3), 134-144. EJ 259717

. . . . .

Haggstrom, G., Darling-Hammond, L., & Grissmer, D. (1988). Assessing teacher supply and demand. Santa Monica, CA: The Rand Corporation.

Hale, N. A. (1979). A special education personnel projection model. Pierre, SD: South Dakota State Department of Education. (ERIC EC 125099). (Available UMI)

Harris, C. S. (1980). The credibility of educational forecasts. Journal of Teacher Education, 31(3), 35-38. EJ 231159 (Available UMI)

Hecker, D. (1986, Winter). Teachers' job outlook: Is chicken little wrong again? Occupational Outlook Quarterly (Bureau of Labor Statistics). EJ 344769 (Available UMI)

Higher Education Research Institute. (1987). Interest in teaching careers rising: Technology and nursing careers falling sharply. Los Angeles, CA: Author. ED 290372

Hill, S. T., Kroe, P. E., & Whitener, S. D. (1987). Profile of education doctorates, 1976-1986. Washington, D.C: U.S. Department of Education, National Center for Education Statistics. ED 289833

Hooper, S. (1987). Good teachers: An unblinking look at supply and preparedness. Alexandria, VA: National School Boards Association. ED 287832

Huntze, S. L., & Grosenick, J. K. (1980). National needs analysis in behavior disorders: Human resource issues in behavior disorders. Columbia, MO: University of Missouri, Department of Special Education. ED 203595

Kerchner, C. T. (1984, July/August). Shortages and gluts of public school teachers: There must be a policy problem here somewhere. Public Administration Review.

. . . . .

Lasmanis, J. C. (1969). A Markov-Chain model for the prediction and control of college enrollment (doctoral dissertation). Minneapolis, MN: University of Minnesota, The Graduate School.

Lauritzen, P. (1988). CSPD technical manual: Critical areas of data collection. Whitewater, WI: University of Wisconsin-Whitewater, Federal CSPD Assessment Project.

Ludwig, M., & Stockton, K. (1987). When projections miss their mark: Report on 1986-87 enrollments at public four-year colleges and universities. Washington, D.C: American Association of State Colleges and Universities.

McLaughlin, M. J., Smith-Davis, J., & Burke, P. J. (1986). Personnel to educate the handicapped in America: A status report. College Park, MD: University of Maryland, Institute for the Study of Exceptional Children and Youth.

Marks, J. L. (1987). Comparative information on education in the Southern Regional Education Board states, 1987. Atlanta, GA: Southern Regional Education Board.

Masland, S. W. (1983). Teacher surplus and shortage: Getting ready to accept responsibilities. Journal of Teacher Education, 34(4), 6-9. EJ 286075

Morra, F. (1977). The supply and demand for beginning teachers: Past, present and future. Washington, D.C: Lewin and Associations, Inc. ED 157864

Murnane, R. J., Singer, J. D., & Willett, J. B. (1988). The career paths of teachers: Implications for teacher supply and methodological lessons for research. Educational Researcher, 17(6), 22-30.

National Center for Education Statistics (1986). ED-TABS: The 1985 Public School Survey. Washington, D.C: U.S. Department of Education, Office of Educational Research and Improvement. ED 293319

National Center for Education Statistics.(1988). Employment outcomes of recent master's and bachelor's degree recipients. Washington, D.C: U.S. Department of Education, Office of Educational Research and Improvement.

National Center for Education Statistics. (1984). Graduates newly qualified to teach in special education programs: The 1981 survey of 1979-80 college graduates. Washington, D.C: U.S. Department of Education, Office of Educational Research and Improvement.

National Center for Education Statistics. (1987). Historical report: Teachers in elementary and secondary education. Washington, D.C: U.S. Department of Education, Office of Educational Research and Improvement. ED 279661

National Center for Education Statistics. (1987). Targeted forecast: Earned degrees conferred. Washington, D.C: U.S. Department of Education, Office of Educational Research and Improvement.

National Center for Education Statistics. (1987). Targeted forecast: Higher education enrollment. Washington, D.C: U.S. Department of Education, Office of Educational Research and Improvement.

National Center for Education Statistics. (1987). Targeted forecast: Public elementary and secondary school enrollments. Washington, D.C: U.S. Department of Education, Office of Educational Research and Improvement.

National Center for Education Statistics. (1987). Targeted forecast: Public school teachers. Washington, D.C: U.S. Department of Education, Office of Educational Research and Improvement.

National Center for Education Statistics. (1987). Targeted forecast: State enrollment in public elementary and secondary schools. Washington, D.C: U.S. Department of Education, Office of Educational Research and Improvement. ED 287203

National Center for Education Statistics. (1988). The condition of education 1988, Vol I. Washington, D.C: U.S. Department of Education, Office of Educational Research and Improvement. ED 294332

This report is issued annually; reports for some earlier years are also available.

#10

National Center for Education Statistics. (1987). Trends in education, 1975-76 to 1995-96. Washington, D.C: U.S. Department of Education, Office of Educational Research and Improvement. ED 282505

National Education Association. (1987). Estimates of school statistics, 1986-87, as provided by state departments of education. Washington, D.C: Author.

National Education Association. (1986). Population 2010 -- The baby boom becomes the senior boom: Part I. The United States. Washington, D.C: NEA Professional and Organizational Development/Office of Planning.

National Education Association. (1986). Teacher supply and demand. Washington, D.C: Authors.

National Policy Task Force on the Personnel Crisis in Training and Services for the Blind. (1988). Responding to the personnel crisis in training and services for the blind. Washington, D.C: Affiliated Leadership League of and for the Blind.

National Research Council. (1986). Summary report 1986: Doctorate recipients from United States universities. Washington, D.C: National Academy Press. ED 291304

National Research Council. (1987). Toward understanding teacher supply and demand. Washington, D.C: National Academy Press.

Newell, T. (1974). Redefining teacher supply and demand. Journal of Teacher Education, 25(3), 194, 209.

. . . . .

Office of Special Education Programs. (1988). Tenth annual report to Congress on the implementation of the Education of the Handicapped Act. Washington, D.C: U.S. Department of Education, Office of Special Education and Rehabilitative Services. ED 294410

This report is issued annually; reports from some earlier years may also be available. Also available from ERIC.

Petchell, J. G. (1986, May 6). State turning out too few teachers, ASU report says. The Arizona Republic, p. B22.

Raizin, S. A. (1986). Estimates of teacher demand and supply and related policy issues. Paper presented at the Annual Meeting of the American Educational Research Association, San Francisco. ED 269 389

#10

Rose, T. L., & Beattie, J. R. (1986). Current status of special education substitute teachers. Teacher Education and Special Education, 9(4), 190-201. EJ 349259 (Available UMI)

Roth, R. A. (1981) A comparison of methods and results of major teacher supply and demand studies. Journal of Teacher Education, 32(6), 43-46. EJ 258730 (Available UMI)

Rousseau, J. (1974). 28,000 special ed jobs created. Learning, 2(8), 58-59.

Rumberger, R. (1985). The shortage of mathematics and science teachers: A review of the evidence. Educational Evaluation and Policy Analysis, 7(4). EJ 330754

. . . . .

Sattler, E. L., & Sattler, J. (1985). Economic realities of special education. Teacher Education and Special Education, 8(2), 98-103. EJ 318438

Scannell, D. P. (1979). Declining enrollments in colleges of education: Is special education immune? Teacher Education and Special Education, 2(2), 21-24. EJ 212434

Schofer, R. C., & Duncan, J. R. (1980). A national survey of Comprehensive Systems of Personnel Development: A third status study. Columbia, MO: University of Missouri, Project on Cooperative Manpower Planning in Special Education. ED 228807

Schofer, R. C., & Duncan, J. R. (1982). A national survey of Comprehensive Systems of Personnel Development: A fourth status study. Columbia, MO: University of Missouri, Project on Cooperative Manpower Planning in Special Education.

Schofer, R. C., & Duncan, J. R. (1984). A national survey of Comprehensive Systems of Personnel Development: A fifth status study. Columbia, MO: University of Missouri, Project on Cooperative Manpower Planning in Special Education.

Schofer, R. C., & Duncan, J. R. (1978). Statewide cooperative manpower planning in special education: A second status study. Columbia, MO: University of Missouri, Project on Cooperative Manpower Planning in Special Education.

Schofer, R. C., & McGough, R. L. (1976). Statewide cooperative planning in special education: A status study. Columbia, MO: University of Missouri, Project on Cooperative Manpower Planning in Special Education.

Schmidt, P., & Strauss, R. P. (1975, June). The prediction of occupation using multiple logic models. Instructional Economic Review, 16, 471-486.

Shewan, C. M. (1988, August). ASHA work force study: Final report. Rockville, MD: American Speech-Language-Hearing Association.

Smith, D. D., & Lovett, D. (1987). The supply and demand of special education faculty members: Will the supply meet the demand? Teacher Education and Special Education, 10(2), 88-96. EJ 366126 (Available UMI)

Smith-Davis, J., Burke, P. J., & Noel, M. M. (1984). Personnel to educate the handicapped in America: Supply and demand from a programmatic viewpoint. College Park, MD: University of Maryland, Institute for the Study of Exceptional Children and Youth. ED 244428

Smull, M., & Bunsen, T. (In progress). Projecting special education teacher need: A dynamic supply/demand model. Washington, D.C: U.S. Department of Education, Office of Special Education Programs.

. . . . .

Wendling, W. R., & Woodbury, S. A. (1984). The future labor market for teachers: Quantities, aptitudes, and retention of students choosing teaching careers. Kalamazoo, MI: Upjohn Institute for Employment Research.

White, B. (1988, September 5). Wanted: Special ed teachers. The Atlanta Journal/The Atlanta Constitution.

Yoder, M. A. (1987). Projected teacher demand in southeastern Pennsylvania (Doctoral dissertation). Philadelphia: Temple University.

December 1988

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